CAST-IN-PLACE REINFORCED CONCRETE SINGLE BOX CULVERT D86A BOX CULVERT WARPED WINGWALLS

#### CITY OF RIVERSIDE STANDARD DRAWING

- CHAIN LINK FENCE AND GATE
- C.S.P. INLET
- JUNCTION STRUCTURE B
- PIPE BEDDING 452 456 TIMBER BULKHEADS

# CONSTRUCTION NOTES:

(10) INSTALL 14' DOUBLE DRIVE GATE PER CITY OF RIVERSIDE STD. DWG. NO. 380.

- (13) CONSTRUCT CHAIN LINK FENCE PER CITY OF RIVERSIDE STD. DWG. NO. 380
- (14) PLACE 6" THICK CRUSHED AGGREGATE OVER COMPACTED NATIVE.

# BASIS OF BEARING:

BASIS OF BEARING IS THE CENTERLINE OF BOX SPRINGS ROAD AS SHOWN ON MAP BOOK 81 PAGES 3 THRU 4 THEREOF, RECORDS OF RIVERSIDE COUNTY, STATE OF CALIFORNIA, BEING N35°28'00"W.

#### EXISTING UNDERGROUND STRUCTURES

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPE STRUCTURES OR CONDUITS SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK. CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UNDERGROUND UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN OR NOT SHOWN ON THESE PLANS.

### NOTICE TO CONTRACTOR

CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.

# BENCHMARK: 600-47-68

U.S.C. & G.S. DESIGNATION Z 749, RIVERSIDE COUNTY DESIGNATION 600-47-68, STANDARD BRASS DISK STAMPED Z 749 1945 ESTABLISHED BY C. & G.S. 1.7 MILES NORTHWEST ALONG THE ATCHINSON, TOPEKA AND SANTA FE RAILWAY FROM THE STATION AT MARCH FIELD, SET BETWEEN THE TRACK AND U.S. HIGHWAY NO. I-215 64.5 FEET SOUTHWEST OF THE SOUTHWEST EDGE OF THE HIGHWAY, 43.6 FEET NORTHEAST OF THE NORTHEAST RAIL OF TRACK, 20 FEET SOUTHEAST OF POST, BENCHMARK DISK SET IN TOP OF A CONCRETE POST 0.4 FEET ABOVE GROUND.

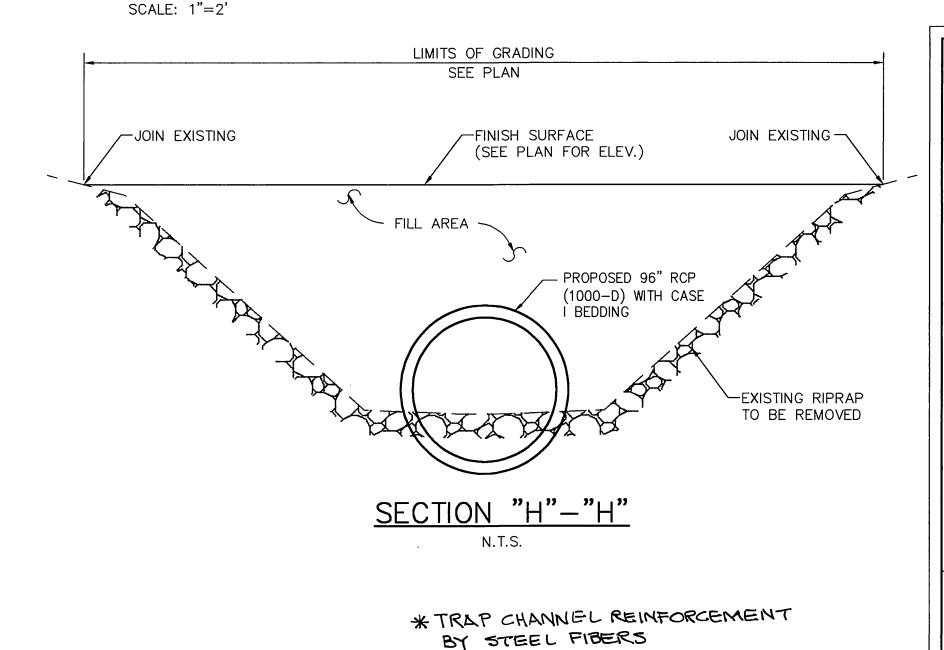
DATE: 1970

ELEVATION: 1536.119

# **GENERAL NOTES**

- 1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- 2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- 3. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY
- 4. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NO. 1-800-227-2600 TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- 5. ALL SECTIONS ARE PLOTTED LOOKING DOWNSTREAM.

# EDGE OF CRUSHED ∕CONCRETE DRIVEWAY PER CITY OF — AGGREGATE RIVERSIDE STD. DWG. 302. (MODIFIED AS SHOWN WITH SKEWED APPROACH AND APPROACH GRADE) A=16, B=23ROAD / C/L STORM DRAIN - WARPED WINGWALL. SEE DETAIL "B" ON SHT. 4. EASEMENT LINE CONCRETE, CLASS 520-C-2500 REINFORCED WITH 6X6, 12GA, W.W.M. DETAIL SCALE: 1"=10'



EXISTING CONCRETE TRAPEZOIDAL - CHANNEL PER CITY OF RIVERSIDE

END CONSTRUCTION

<del>\_</del>==========

2.5'

∕Ç CONC.

2.5'

SECTION "G"-"G"

MARK

DESIGNED BY \_\_\_\_T.N.T.

REVISIONS

DRAWN BY L.S.

CHECKED BY T.N.7.

DWG. NO. D-595 (B=11', D=3.0, S.S.=1:1)

Alverside EUCALYPTUS AVE EASTRIDGE AVE EDGEMONT

MORENO VALLEY

MORENO VALLEY FRWY

CANYON SPAINGS

VICINITY MAP THE THOMAS GUIDE, 2000 EDITION, SAN BERNARDINO/ RIVERSIDE COUNTY, PAGE 716, SECTION H-3 SEC. 4, T.3S, R.4W

### METROPOLITAN WATER DISTRICT

AN APPROVAL LETTER FOR THE CONSTRUCTION OF THE STORM DRAIN OVER MWD'S EXISTING WATERLINE DATED JUNE 27, 2001 (SUBSTR. JOB NO. 4040-01-001) IS AVAILABLE FROM THE CITY OF RIVERSIDE, PUBLIC WORKS DEPARTMENT.

CONTACT KIERAN CALLANAN @ (213) 217-7474 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.

Underground Service Alert

TOLL FREE 1 - 800227-2600

TWO WORKING DAYS BEFORE YOU DIG

## PRIVATE ENGINEERING NOTE

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

/協/teresito n. tabiolo\៌ RCE No. 38826 Exp. 3-31-05

PREPARED UNDER THE DIRECTION OF:

1.5'

SCALE: 1"=100'

BEGIN CONSTRUCTION

EXISTING 96" RCP PER -

2.5'

6 1/2"

TRASH RACK

SEE DETAIL "F ON SHEET 3.

CITY OF RIVERSIDE

DWG. NO. D-662

D.R. 098-856

INDEX MAP

SCALE 1"= 100'

**PROPOSED** 

-CONCRETE, CLASS 52-C-2500

-CSP INLET PER CITY OF RIVERSIDE STD. DWG.

- CONNECT INLET RISER (NO LADDER) TO PROPOSED 96"

RCP PER CITY OF RIVERSIDE STD. DWG. NO. 421. (NO

PROPOSED 96" RCP (1000-D) WITH

SECTION "F"-"F"

NO. 412 (MODIFIED: REPLACE CHECKERED

PLATE WITH TRASH RACK)

CONCRETE CRADDLE)

E=2.04' L=4.08'

A=90° B=36" C=8.00'

CASE I BEDDING

REINFORCED WITH 6X6, 12GA. W.W.M.

GRADE -

1% MIN.

BENCHMARK:

12" 2.5'

6 1/2"

KCT CONSULTANTS, INC. Civil Engineers - Surveyors - Planners P.O. Box 5705 Riverside, CA 92517-5705 4344 Latham St., Suite 200, Riverside, CA 92501 Phone: 909/341-8940 Fax: 909/341-8945

CITY BUSINESS TAX CERTIFICATE NO.: 069540 EXP. DATE: 04-07-02

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY DEPUTY P.W. DIRECTOR PRINCIPAL ENGINEER 1/8/200 SC PUBLIC WORKS DIRECTOR APPR, DATE

STREET SERVICES 3/12/2 IN DATE: 3/19/0~

CANYON SPRINGS ASSESSMENT DISTRICT **BOX SPRINGS STORM DRAIN** TITLE SHEET

ACCOUNT NO. D-699 SHEET I OF 4 FROM SYCAMORE CANYON BLVD. TO 650'± E'LY 1177-01

INDEXED 5-09-02 4H

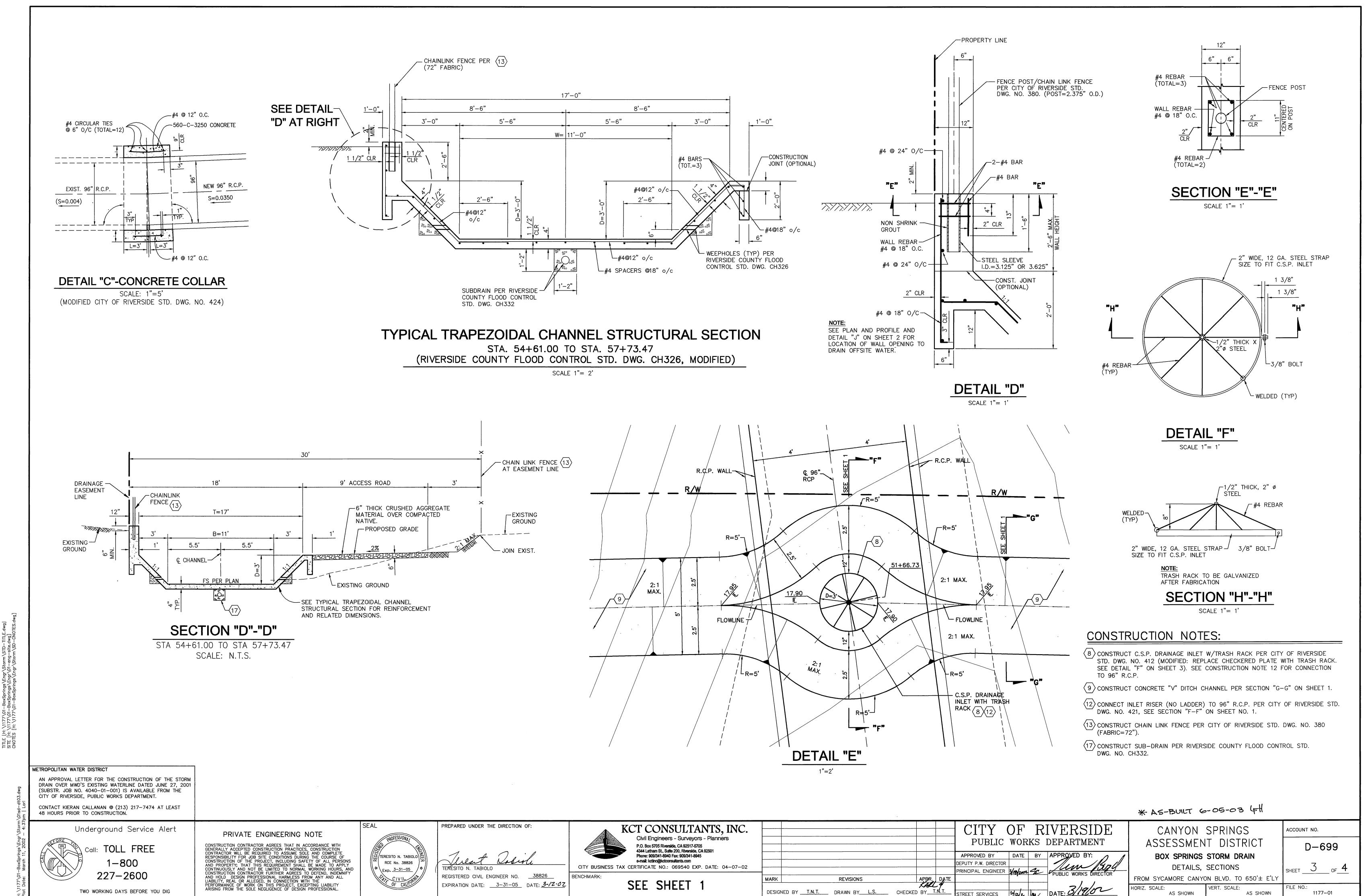
\* AS-BUILT 6-05-03 4

REGISTERED CIVIL ENGINEER NO. 38826 EXPIRATION DATE: <u>3-12-07</u> DATE: <u>3-12-07</u>

SEE ABOVE

INDEXED 5-09-02 (A)

STREET SERVICES



NDEXED 5-09-02 Lat

